



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5588-1

Job Sheet 185608



Part No: D5588-1

Job Qty: 10 ea

Part Name: Stringer, RH Aft



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/31/18

Job Tracking No:

Due Date: 11/16/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: Dwg. D5588 Rev.A IPP Rev.A New issue 18/03/07 verified by:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Waterjet - Flow - 1	10 pcs		11/16/18	0.00	0.91	Waterjet - Flow		SC 18/1/18
110	QC	10 pcs		11/16/18	0.00	0.00	QC2 Waterjet-4		SC 18/1/18
120	QC	10 pcs		11/16/18	0.00	0.00	QC8-6		38
123	Brake NC	10 pcs		11/16/18	0.00	0.00			9-89 30 DAS 12/04
125	QC	10 pcs		11/16/18	0.00	0.00	QC-5-68		DEC 05 2018 68
130	Outsource	10 pcs		11/16/18			ATG001-VC	8	DEC 10 2018 89
140	Packaging	10 pcs		11/16/18	0.00	0.00	Packaging2		DEC 07 2018
160	QC	10 pcs		11/16/18	0.00	0.00	QC6		38
170	Packaging	10 pcs		11/16/18	0.00	0.00	Packaging3-2		DEC 10 2018
180	QC21-SA	10 Ea		11/16/18	0.00	0.00	QC21		DAS 21 9-89 DEC 11 2018

Part Op 100 - 1-Cut as per Dwg Dwg Rev: A Prog Rev: A 2-Deburr if necessary
Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB
120 - QC8- Inspect parts - second check
123 - Bend as per dwg.
130 - Issue P/O to ATG 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5588 2- Prime Grey as per Dwg. Certification of Conformity is required.
140 - Certification of Conformity is required.
170 - Identify as per dwg & Stock Location:
180 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.040	2024-T3 .040 Sheet	1.0800 sf (.108 ea)	100-Waterjet - Flow - 1	5114846

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Waterjet - Flow - 1	M2024T3S.040	1	88	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Skid-tube</td><td style="width:5%;">☐</td> <td style="width:15%;">Cross tube</td><td style="width:5%;">☐</td> <td style="width:15%;">Water Jet</td><td style="width:5%;">☐</td> <td style="width:15%;">Engineering</td><td style="width:5%;">☐</td> </tr> <tr> <td>Machining</td><td>☐</td> <td>Small Fab</td><td>☐</td> <td>Prod. Eng. Coord.</td><td>☐</td> <td>Quality</td><td>☐</td> </tr> <tr> <td>Thermoforming</td><td>☐</td> <td>Finishing</td><td>☐</td> <td>Rec/Store/Packaging</td><td>☐</td> <td>Other</td><td>☐</td> </tr> <tr> <td>Large Fab</td><td>☐</td> <td>Composite</td><td>☐</td> <td>Supplier</td><td>☐</td> <td></td><td></td> </tr> </table>						Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐	Large Fab	☐	Composite	☐	Supplier	☐																																						
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Date :		Step #:		DART AEROSPACE Part: D5588-1 Job No: 185608 Serial No/Batch: S124274 Revision: A Inspector: Exp Date: Instructions: Various STC's Date: 11/02/18 Container No: S124274 Dart Aerospace Ltd. 1270 Aberdeen Street Hawkebury, ON K6A 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com																																																																									
Description Work Order Deviation 																																																																													
Root Cause <table style="width:100%; border-collapse: collapse;"> <tr><td>Environment</td><td>☐</td><td>No Re-verification</td><td>☐</td></tr> <tr><td>Design</td><td>☐</td><td>Operator</td><td>☐</td></tr> <tr><td>Doc/Data</td><td>☐</td><td>Offset/Setup</td><td>☐</td></tr> <tr><td>Equip/Tooling</td><td>☐</td><td>Supplier</td><td>☐</td></tr> <tr><td>Handling/Pre</td><td>☐</td><td>Training</td><td>☐</td></tr> <tr><td>Material</td><td>☐</td><td>Use for Testing</td><td>☐</td></tr> <tr><td>Internal Transport</td><td>☐</td><td>Poor Information</td><td>☐</td></tr> <tr><td>Tribal Knowledge</td><td>☐</td><td>Rushing</td><td>☐</td></tr> <tr><td>LOA</td><td>☐</td><td>Product Improvement</td><td>☐</td></tr> <tr><td>Substation</td><td>☐</td><td>Process Improvement</td><td>☐</td></tr> <tr><td>Past Expiry Date</td><td>☐</td><td>Manufacturing Process</td><td>☐</td></tr> <tr><td>Misidentified</td><td>☐</td><td>Past Due</td><td>☐</td></tr> </table>		Environment	☐	No Re-verification	☐	Design	☐	Operator	☐	Doc/Data	☐	Offset/Setup	☐	Equip/Tooling	☐	Supplier	☐	Handling/Pre	☐	Training	☐	Material	☐	Use for Testing	☐	Internal Transport	☐	Poor Information	☐	Tribal Knowledge	☐	Rushing	☐	LOA	☐	Product Improvement	☐	Substation	☐	Process Improvement	☐	Past Expiry Date	☐	Manufacturing Process	☐	Misidentified	☐	Past Due	☐	<table style="width:100%; border-collapse: collapse;"> <tr><td>Pressure/Forced</td><td>☐</td></tr> <tr><td>Bending</td><td>☐</td></tr> <tr><td>Centre Not Concen</td><td>☐</td></tr> <tr><td>Cracks</td><td>☐</td></tr> <tr><td>Crimp/Kink/Ripple/Wave</td><td>☐</td></tr> <tr><td>Cuffs</td><td>☐</td></tr> <tr><td>Crushing</td><td>☐</td></tr> <tr><td>Heat Treat</td><td>☐</td></tr> <tr><td>Wave/Twist in Tube</td><td>☐</td></tr> <tr><td>Marks/Chatter</td><td>☐</td></tr> <tr><td colspan="2" style="text-align: center;">OTHER : _____</td></tr> </table>						Pressure/Forced	☐	Bending	☐	Centre Not Concen	☐	Cracks	☐	Crimp/Kink/Ripple/Wave	☐	Cuffs	☐	Crushing	☐	Heat Treat	☐	Wave/Twist in Tube	☐	Marks/Chatter	☐	OTHER : _____	
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041947**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO041947
PO Date: 12/5/18
Due Date: 12/27/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Tsimiklis, Chrisoula
Phone:
Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	184104	RBH9928-12-5	Clamp -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	12/7/18	12 pcs	0 pcs	12 pcs	\$4.99/pcs	\$59.88
2	R185822	RBT400214-1	Frame Weld Mount -Issue P/O to ATG; PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061 -Certificate of Conformity is required	Firmed	-	12/12/18	2 pcs	0 pcs	2 pcs	\$4.99/pcs	\$9.98

Line Item Note ** Friday, please? :(**



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PURCHASE ORDER

PO041947

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	185605	D5585-1	Stringer, LH Fwd : Various STC's Issue P/O to ATG : 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5585 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	-	12/7/18	10 pcs	0 pcs	10 pcs	\$7.50/pcs	\$75.00
Line Item Note ** Can we have ASAP, Friday? **											
4	185606	D5586-1	Stringer, RH Fwd : Various STC's Issue P/O to ATG : 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5586 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	-	12/7/18	9 pcs	0 pcs	9 pcs	\$7.50/pcs	\$67.50
Line Item Note ** Can we have ASAP, Friday? **											
5	185607	D5587-1	Stringer, LH Aft : Various STC's Issue P/O to ATG : 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5587 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	-	12/7/18	11 pcs	0 pcs	11 pcs	\$7.50/pcs	\$82.50
Line Item Note ** Can we have ASAP, Friday? **											



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PURCHASE ORDER **PO041947**

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	185608	D5588-1	Stringer, RH Aft : Various STC's Issue P/O to ATG : 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5588 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	-	12/7/18	9 pcs	0 pcs	9 pcs	\$7.50/pcs	\$67.50

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Line Item Note ** Can we have ASAP, Friday? **

7	185609	D5589-1	Gusset, Outboard LH : Various STC's Issue P/O to ATG : 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5589 2- Prime Grey as per Dwg. QSI 005,4.2.1.3.2 Certification of Conformity is required.	Firmed	-	12/7/18	10 pcs	0 pcs	10 pcs	\$7.50/pcs	\$75.00
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Line Item Note ** Can we have ASAP, Friday? **

8	185610	D5589-2	Gusset, Outboard RH : Various STC's Issue P/O to ATG : 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5589 2- Prime Grey as per Dwg. QSI005 4.2.1.3.2 Certification of Conformity is required.	Firmed	-	12/7/18	8 pcs	0 pcs	8 pcs	\$7.50/pcs	\$60.00
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Line Item Note ** Can we have ASAP, Friday? **



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Items

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9	185242	RBE105-14181W2-1	Guide -Issue P/O to GROUPE ALTECH; PO _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type; 6061 -Certificate of Conformity is required	Firmed	-	12/12/18	5 pcs	0 pcs	5 pcs	\$4.99/pcs	\$24.95
10	186948	647.4114	Shim Issue P/O _____ ATG, black anodize and prime as per dwg 647.4114 Rev. N/C	Firmed	-	12/17/18	10 pcs	0 pcs	10 pcs	\$7.40/pcs	\$74.00
11	186253	646.3310	LH Half - Upper Cutter Assembly Issue P/O to ATG : 1- Black Anodize as per Dwg 646.3300	Firmed	-	12/17/18	13 pcs	0 pcs	13 pcs	\$19.25/pcs	\$250.25
12	180996	RB877206-5-3	Handle -Issue P/O to ATG: _____ -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	12/27/18	8 pcs	0 pcs	8 pcs	\$4.99/pcs	\$39.92
13	184952	RBW6405G00332-3G-9	Knob -Issue P/O to ATG PO: _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL - Certificate of Conformity is required	Firmed	-	12/17/18	8 pcs	0 pcs	8 pcs	\$4.99/pcs	\$39.92



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Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
14	184949	RBW6405G00332-3G-3	Round Seat -Issue P/O to ATG; PO -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	12/17/18	4 pcs	0 pcs	4 pcs	\$4.99/pcs	\$19.96
15	186503	D5590-2	Gusset, Inboard RH : Various STC's Issue P/O to ATG : 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5590 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	-	12/20/18	6 pcs	0 pcs	6 pcs	\$7.50/pcs	\$45.00
16	186502	D5590-1	Gusset, Inboard LH : Various STC's Issue P/O to ATG : 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5590 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed	-	12/27/18	6 pcs	0 pcs	6 pcs	\$7.50/pcs	\$45.00

Grand Total: \$1,036.36

CZ. CZ



Dart Aerospace Ltd.
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PURCHASE ORDER PO041947

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 12/7/18 10:32 AM dart.tsimiklis.chrisoula



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 916727

Date: 07-Dec-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
10 ea	Part: D5585-1 Stringer, LH Aft Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 24278	Rev: A PO: PO041947 Line: 3	
9 ea	Part: D5586-1 Stringer, RH Fwd Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 24279	Rev: A PO: PO041947 Line: 4	
11 ea	Part: D5587-1 Stringer, LH Fwd Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 24280	Rev: A PO: PO041947 Line: 5	
9 ea	Part: D5588-1 Stringer, RH Aft Hard Black Anodize per MIL-A-8625F, Type II, Class 2, . Prime IAW Mil-P-23377 J Type I Class N; 1-2 mil max as per QSI 005 Job: 24281	Rev: A PO: PO041947 Line: 6	
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>2/2/19</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ Made in Canada.			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 916727

Date: 07-Dec-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		ATG Delivery
Quantity	Description	
	A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.	
	Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	

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